



PATENT  
ATTORNEY DOCKET NO. AURO1140-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Tsien et al. Art Unit: 2878  
Serial No.: 10/643,304 Examiner To be assigned  
Filed: August 18, 2003  
Title: DETECTOR AND SCREENING DEVICE FOR ION CHANNELS

Mail-Stop 2878  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL SHEET**

Sir:

Transmitted herewith for the above-identified application, please find:

- (1) An Information Disclosure Statement (2 pages);
- (2) A Form PTO-1449 (1 page);
- (3) Six (6) References, with english translations of the French and German References;
- (4) European Search Report (3 pages); and
- (5) Return postcard;

**CERTIFICATION UNDER 37 CFR §1.8**

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, May 7, 2004 in an envelope addressed to: Mail Stop 2878, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Robert Wickman

Name of Person Mailing Paper

Signature

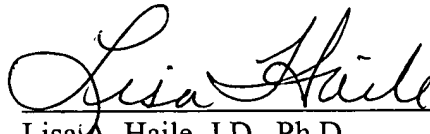
In the Application of  
Tsien et al.  
Application Serial No.: 10/643,304  
Filed: August 18, 2003  
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PATENT  
Attorney Docket No.: AURO1140-2

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement as the items of information contained in this statement were cited in a communication from a foreign patent office in a counterpart foreign application, the communication being dated February 10, 2004, which is not more than three months prior to the filing of this statement. However, if any fee is required, authorization is hereby given to charge the amount of any such fee, or credit any overpayment, to Deposit Account No. 50-1355.

Respectfully submitted,

Date: May 7, 2004



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United States Patent & Trademark Customer No. 28213



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**INFORMATION DISCLOSURE STATEMENT**

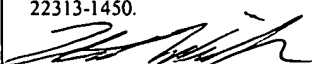
Sir:

In accordance with 37 C.F.R. § 1.97, enclosed are references relating to the above-identified application. Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and copies are enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on May 7, 2004, in an envelope addressed to: MAIL STOP 2878, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Robert Wickman

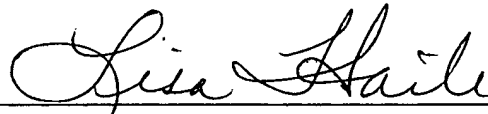
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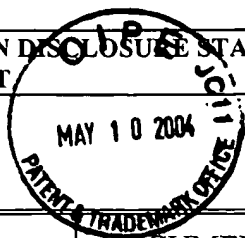


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<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office	<b>Docket No. (Optional)</b> AURO1140-2-2	<b>Serial No.:</b> 10/643,304
	<b>Applicant(s):</b> Tsien et al.	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Filing Date:</b> August 18, 2003	<b>Group Art Unit:</b> 2878



### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA	5,086,220	02/04/1992	Berthold et al.			
	AB	5,670,113	09/23/1997	Akong et al.			
	AC	3,905,852	09/16/1975	Mukai et al.			

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)
	AD	DE 30 36 638 A1	29.09.80	Germany			
	AE	2 661 986	14.05.90	France			
	AF	0 230 679 A1	30.01.86	EPO			

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)


EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.